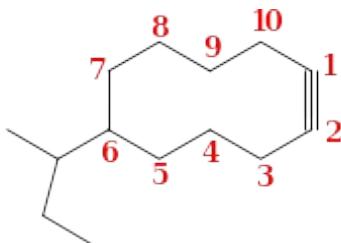


---

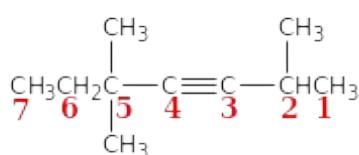
**ASSIGNMENT****QUESTION 1**

Are the following names CORRECT or INCORRECT? If any name is incorrect, give the correct name.

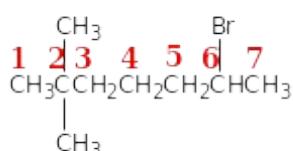
NAME	CORRECT or INCORRECT
2-isopropyl-4-methylheptane	
<b>2,3,5-trimethyloctane</b>	INCORRECT
2-methyl-1-propene	
<b>2-methylpropene</b>	INCORRECT
<i>cis</i> -2-methyl-2-butene	
<b>2-methyl-2-butene</b>	INCORRECT
1-methylcyclohexane	
<b>methylcyclohexane</b>	INCORRECT
4-nitro-1-cyclopentene	
<b>4-nitrocyclopentene</b>	INCORRECT
2-ethyl-1-methylcyclopentane	
<b>1-ethyl-2-methylcyclopentane</b>	INCORRECT
1- <i>tert</i> -butyl-4-bromo-2-methylcycloheptane	
<b>4-bromo-1-tert-butyl-2-methylcycloheptane</b>	INCORRECT
3-ethyl-4,4-dimethylhexane	
<b>4-ethyl-3,3-dimethylhexane</b>	INCORRECT
<i>sec</i> -butylcyclopropane	
<b>2-cyclopropylbutane</b>	INCORRECT
3-methyl-5-octyne	

**6-methyl-3-octyne****INCORRECT**

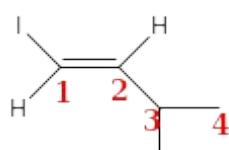
6-sec-butylcyclohexene



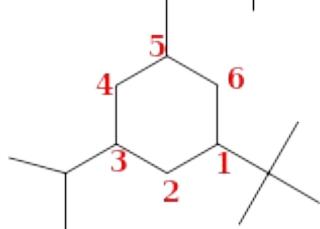
2,5,5-trimethyl-3-heptyne



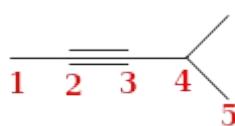
6-bromo-2,2-dimethylheptane



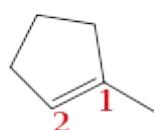
trans-1-iodo-3-methyl-1-butene



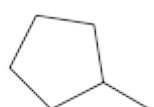
1-tert-butyl-3-isopropyl-5-methylcyclohexane



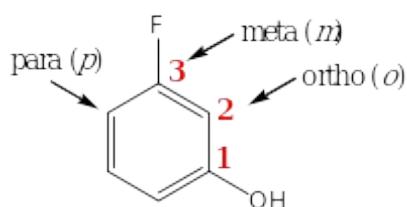
4-methyl-2-pentyne



1-methylcyclopentene



methylcyclopentane

m<sup>3</sup>fluorophenol or 3-fluorophenol